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REPORT

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SUPPLEMENT TO
REPORT NO.

THIS IS UNEVALUATED INFORMATION

ELECTRIC POWER IS PLANNED TO EXPAND
IN 6-YEAR PLAN

In step with industrial expansion, development of cities, and electrification of villages, the demand for electric power increased greatly in postwar Poland. For the last few years it has been necessary to limit consumption of electric power, especially in home use, during the fall and winter peak-load seasons. Electric power plants must be built to provide enough power even in peak-load seasons.

Industry is the leading consumer and will account for 65 percent of the total 1955 demand for electric power. The figure is 72 percent if power consumed for the operation of public utility and industrial power plants is included. At present, industry's consumption of electric power is 66 percent of the total. The percentage of industrial consumption in 1955 will decrease, even though industrial development in the next 6 years will be great. This does not mean that electric power consumption by industry will decrease, but that other type of consumption, such as that of cities and villages, will increase.

According to the Six-Year Plan, urban power consumption will increase 57 percent over 1949; annual power consumption per city resident will increase from 145 kilowatt-hours to 183 kilowatt-hours. Urban street lighting will increase by 24 percent. Households, the second largest consumers of electric power, will show an increase of 54.5 percent. Small industries' and handicrafts' consumption of electric power will increase by 34 percent. The estimated increase in electric power for urban electric transportation systems is 41 percent. However, only 21 larger cities (40,000 residents) use electricity for transportation purposes. Automobiles will be used by many cities, reducing electric power consumption by streetcars and trolley buses.

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The Six-Year Plan envisages the electrification of 9,000 villages. The Dolny Slask area, which is highly electrified, will use more electric power and light than, for instance, Bialystok Wojewodztwo. Therefore, a consumption norm of 60 kilowatt-hours per hectare of arable land is assumed for Dolny Slask. For other regions, the goal will be 35 kilowatt-hours per hectare of arable land, including 25 kilowatt-hours per hectare of arable land for farmsteads, and 10 kilowatt-hours per hectare of arable land for handicrafts and other village industries.

The State Farms will account for a great increase in electric power consumption, resulting in a sevenfold increase in power consumption over 1949. The demand for power by villages during the winter peak (evening hours during 10 - 20 December) is 3.72 percent of the nation's total.

Under the Six-Year Plan, the railroad junctions -- Warsaw, the Seacoast, and Katowice -- will be electrified.

Czechoslovakia will be the largest importer of electric power from Poland, according to the Six-Year Plan. This does not deplete the power export possibilities of Poland, since Poland uses cheap coal dust in its power plants and could compete easily with Soviet Zone Germany, Hungary, Slovakia, and even the Western European countries.

The Six-Year Plan envisages the construction of 11 new thermoelectric plants, seven hydroelectric plants, and expansion of 16 now operating hydroelectric plants.

In general, the Six-Year Plan for electric power provides for a 2.25-fold increase in the demand for electric power and in power production for the entire country.

NEW GAS OVEN IN NYSA -- Nowiny Opolskie, No 36, 2 Oct 49

Construction of a new four-chamber gas oven was completed and officially put into service in the Municipal Gasworks in Nysa on 1 October 1949 to replace the old one which was not air tight and was responsible for great losses in production.

The new gas oven will improve quality and increase production by 30 percent. Production of coke, tar, and other by-products will also be increased.

Inhabitants on the other side of the Nysa River will now be assured of gas supply. The pipes have already been connected and service will probably start the first of October.

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